

Wireless Methods of Connecting

Task 1 [4 Marks]

Infrared used to be the most common method of connecting wireless keyboards and mice to a computer. Now Bluetooth is more popular. Describe two benefits of using Bluetooth over infrared for connecting these devices.

1.

2.

Task 2 [4 Marks]

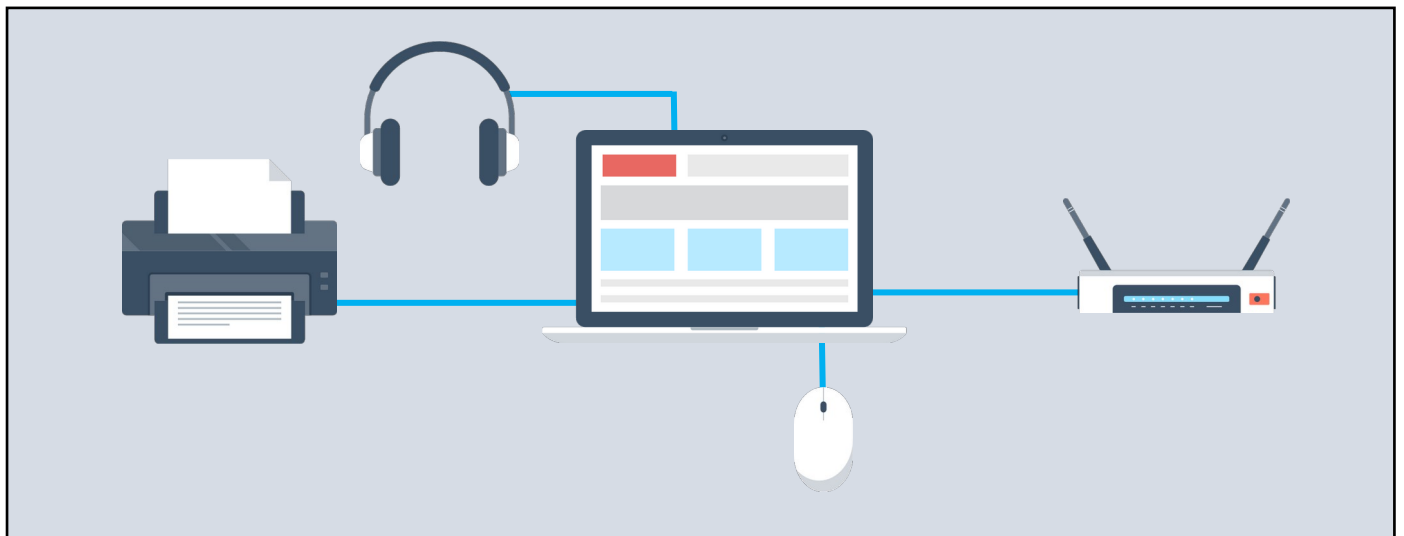
There are two main wireless methods for connecting your smartphone to a laptop. There are WiFi and Bluetooth. Describe two benefits of using WiFi over Bluetooth for this.

1.

2.

Task 3 [4 Marks]

Below is a diagram that models a typical computer system. Label the connections in the diagram to identify the wireless connections that would likely be used.



Task 4 [4 Marks]

Below are several statements about wireless and wired connection methods. Identify which of these statements are true and which are false.

- | | True | |
|--|--------------------------|--------------------------|
| 1. Bluetooth is more secure than USB for connecting your smartphone to your laptop. | ☐ | ☐ |
| 2. Ethernet cable connections provide faster data transfer speeds than WiFi. | ☐ | ☐ |
| 3. There are no benefits to using mobile broadband over WiFi for connecting to the internet. | ☐ | ☐ |
| | ☐ | ☐ |

4. You can use WiFi to connect wirelessly to many home printers.